

International DAAD Summer School Intersolar 2011

Use of Solar Energy as Contribution to a Sustainable Development

May 30 – June 07 2011

Justus-Liebig-University Giessen



Schedule:

- Mo, 30 May 2011** **Arrival**
19:00 **Welcome address (JLU Main Building “Senatssaal”, Ludwigstraße 23) and informal get-together (Restaurant “Takt”, Ludwigstraße 30)**
- Tu, 31 May 2011** **10:00 D. Schlettwein, JLU Giessen, Germany :** ”New Concepts and Materials for an Efficient Harvest of Solar Energy and its Conversion to Electricity”
12:00 Joint lunch
13:30 A. Dittmann, JLU Giessen, Germany : ”Geopolitical Implications in the Africanization of Solar Energy”
15:30 Coffee break
16:00 Poster Session
- Wed, 01 Jun 2011** **10:00 P. Winker, JLU Giessen, Germany :** ”Financing and Risk Management of Large Scale Solar Energy Projects”
12:00 Joint lunch
13:30 D. van Laak, JLU Giessen, Germany : ”Risk and Gain of International Programs of Development from a Historic Perspective”
15:30 Coffee break
16:00 F. K. Appiah, Energy Commission, Ghana : “Renewable/Solar Energy Development in Ghana: Policies, Barriers, Incentives”
16:30 M. A. Marfai, Gadjah Mada University, Indonesia : “The Use of Solar Energy to Improve the Quality of Life: The Role of University on the Rural Community Development”
17:00 A. Muñoz Rodriguez, Universidad de Santiago de Chile, Chile : “Structural and operational Design of a New Research Center in the Atacama Desert”
17:30 A. P. Ramaswamy, Pondicherry University (Center for Green Technology), India : “India’s Solar Energy and Hybrid Plasmonic Nanomaterials for Application in Solar Cell”
18:00 J. John and B. Diémé, Senegal : “Action Research of Solar Energy Use in Small Scale Farming Systems in Senegal”
19:00 Joint Dinner

- Th, 02 Jun 2011** **Public Holiday in Hessa**
Offer for a cultural excursion to the historic cities of Gießen and Marburg
- Fr, 03 Jun 2011** **10:00 M. Düren, JLU Giessen, Germany :** “DESERTEC - An International Approach to Use Solar Energy at Large Scale”
12:00 Joint lunch
13:30 A. Karbach, THM Giessen, Germany : “Energy Efficiency in Buildings and Integration of Renewable Energies”
15:30 Coffee break
16:00 R. J. Chilundo, Universidade Pedagógica, Mozambique: “The Sustainable Use of Renewable Energy, in Rural Areas in Mozambique - Changanine Project”
16:30 M. Ghadami, University of Mazandaran, Iran : “Energy Management Challenges in Iran”
17:00 F. Khan, BanglaSolar, Bangladesh : “Barriers to the Solar PV Dissemination in the Developing Countries: The Bangladesh Scenario”
17:30 M. T. Rahnemai, Sh. Beheshti University Tehran, Iran: “...”
18:00 Samar, Institute of Science and Technology T.D. Pardede, Indonesia: “The Decentralization Effort in Development of Renewable Energy Use in Indonesia: Case Study Pilot Project on Solar Power in the Institute of Science and Technology T.D. Pardede (ISTP) in Medan, North Sumatera, Indonesia”
- Sat, 04 Jun 2011** **10:00 F. Schüssler, Jade University Oldenburg, Germany :** ”Time-spatial Pathways of Solar Power. Global Potential and European Technology?”
12:00 Joint lunch
13:30 T. Maruhn, JLU Giessen, Germany : ”Renewable Energy Legislation in Developing Countries”
15:30 Coffee break
16:00 M. J. Matimbwi, Tanzania Renewable Energy Association, Tanzania : “Solar PV as a Tool of Promoting Rural Quality Health Service: Case Study Lugala Lutheran Church, Tanzania”
16:30 K. Munjeri, University of Zimbabwe, Zimbabwe : “Low Cost Selective Absorbers”
17:00 S. Sofizada, Kabul University, Afghanistan : “...”
17:30 G. E. Woldegiorgis, Ethiopian Association of Electrical Engineers, Ethiopia : “Renewable Energy Development in Ethiopia: Prospects and Challenges”
18:00 A. Songoro, Tanzania : ”Energy Crisis in Tanzania: What Solar Energy Can Do ?”
- Sun, 05 Jun 2011** **A cultural excursion to Frankfurt/Main**
- Staedel Museum

Mo, 06 Jun 2011 **Technical Excursion to Alzenau**
9:00 **Applied Materials**
 Dr. Roland Trassl, Manager R&D Crystalline Solar Cells
 lunch at the cafeteria
14:00 **Leybold Optics**
 Dr. Günter Grabosch, Vice President Product
 Mangement Solar
18:00 **Round Table Discussion** : "What is Needed to Meet the Globally
 Required Goals of a Sustainable Energy Supply?" **(at conference venue**
 in Giessen)
19:00 **Joint Dinner (Restaurant "Ihrings", Ludwigstraße 10)**

Tu, 07 Jun 2011 **Departure to the *Intersolar 2011* in Munich**

Poster Presentation:

Tuesday, 31 May 2011, 16:00 - 18:00

- M. Aggour, Ibn Tofail University Kenitra, Morocco** : "Solar Energy Conversion by Pt-encapsulated Plasmonic Au-Schottky-Nanoemitters at the Si (100)-I/I₃ Interface"
- M. Arkoub, University of Bejaia, Algeria** : "Solar Energy in Algeria: Situation and Prospects"
- A. N. Che, Ministry of Energy & Water Resources, Cameroon** : "Solar Energy for Development with Reference to Home Country"
- R. A. G. Escoto, University of El Salvador, El Salvador** : "Implementation of Solar Home Systems in Rural Communities of El Salvador"
- S. Francis, Women in Engineering, Polytechnic of Namibia, Namibia** : "Sustainable Community Development and Capacity Building Through Education"
- M. Idowu, University of Agriculture, Nigeria** : "Zinc Oxide Thin Films Sensitized by Organic Dye Derivatives: Solar Energy Assets in an Emerging Economy?"
- R. Khujanov, Uzbekistan Academy of Science, Uzbekistan** : "Development of Renewable Power Sector in Uzbekistan"
- R. Kulnazarov, National Bank of Kazakhstan, Kazakhstan**: "The First Steps of Solar Energy in Kazakhstan"
- I. Mukhopadhyay, School of Solar Energy, India**: "Electrodeposition of Si Film with Micrometer Thickness"
- N. T. T. Nhien, National Centre of Technological Progress, Vietnam** : "Energy Design Handbook - Climate Adapted Housing and Energy Efficient Buildings"
- I. K. M. Odeh, Al-memar Group and Al Awda Est., Jordan** : "Using RO Water Desalination Units to Avoid Iversized Storage in PV Water Pumping Systems"
- M. Widyastuti, Gadjah Mada Universiy, Indonesia** : "The Utilization Opportunity of Solar Energy for Water Pump on the Karst Area of Gunungkidul, Indonesia"

Conference Venue:

Institute of Geography
Neues Schloss „Alte Bibliothek“
Senckenbergstraße 1
D- 35390 Giessen

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